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November 3, 2005

Utah Coal Program  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

*Handwritten signature*  
*01007-0041*

**Re: Minor Modification to Permit Change for LW Extraction of Panel 7, West Ridge Mine,  
C/007/0041**

Dear Sirs,

WEST RIDGE Resources, Inc. is submitting a minor modification to the permit change to allow longwall extraction of Panel 7. The change consists of an additional paragraph in the PHC.

Call me at 435-888-4015, or Dave Shaver at 435-888-4017, if you have any questions.

Sincerely



Gary E. Gray  
Agent/Engineer

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DIV. OF OIL, GAS & MINING

## APPLICATION FOR PERMIT PROCESSING

Permit Change ☐New Permit ☐Renewal ☐Transfer ☐Exploration ☐Bond Release ☐

Permit Number: C/007/041

Title of Proposal: Minor modification to allow full longwall extraction of Panel #7

Mine: WEST RIDGE MINE

Additional paragraph of the PHC as requested by Division staff

Permittee: WEST RIDGE Resources, Inc.

Description, include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.

☐ Yes ☐ No 1. Change in the size of the Permit Area? \_\_\_\_\_ acres Disturbed Area? \_\_\_\_\_ acres ☐ increase ☐ decrease.☐ Yes ☐ No 2. Is the application submitted as a result of a Division Order?☐ Yes ☐ No 3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?☐ Yes ☐ No 4. Does application include operations in hydrologic basins other than as currently approved?☐ Yes ☐ No 5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?☐ Yes ☐ No 6. Does the application require or include public notice/publication?☐ Yes ☐ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?☐ Yes ☐ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?☐ Yes ☐ No 9. Is the application submitted as a result of a Violation?☐ Yes ☐ No 10. Is the application submitted as a result of other laws or regulations or policies? Explain:☐ Yes ☐ No 11. Does the application affect the surface landowner or change the post mining land use?☐ Yes ☐ No 12. Does the application require or include underground design or mine sequence and timing?☐ Yes ☐ No 13. Does the application require or include collection and reporting of any baseline information?☐ Yes ☐ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?☐ Yes ☐ No 15. Does application require or include soil removal, storage or placement?☐ Yes ☐ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?☐ Yes ☐ No 17. Does the application require or include construction, modification, or removal of surface facilities?☐ Yes ☐ No 18. Does the application require or include water monitoring, sediment or drainage control measures?☐ Yes ☐ No 19. Does the application require or include certified designs, maps, or calculations?☐ Yes ☐ No 20. Does the application require or include subsidence control or monitoring?☐ Yes ☐ No 21. Have reclamation costs for bonding been provided for?☐ Yes ☐ No 22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?☐ Yes ☐ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?☐ Attach 3 complete copies of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein. (R645-301-123)

Subscribed and sworn to before me this 3 day of Nov 2005

Signed - Name: Position Date

My Commission Expires:  
Attest: STATE OF  
COUNTY OF

Notary Public

RADA J. ROGERS  
NOTARY PUBLIC - STATE OF UTAH  
2150 N. LUNDY LANE  
CLEVELAND, UT 84518  
COMM. EXPIRES 10-2-2006

Received by Oil, Gas &amp; Mining

NOV 04 2005

DIV. OF OIL, GAS &amp; MINING

ASSIGNED TRACKING NUMBER

Title of Application:  
Minor modification to allow full longwall extraction of Panel #7 located within the existing permit area on federal lease UTU-068754 and the Penta Creek fee lease

Permit Number: C/007/041

Mine: WEST RIDGE MINE

Permittee: WEST RIDGE RESOURCES

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. Include page, section and drawing numbers as part of the description.

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

Replace previously submitted colored pages with approved clean copies

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The Grassy Trail Dam and Reservoir is located immediately outside the eastern boundary of the permit area. This dam/reservoir is owned and operated by the cities of East Carbon and Sunnyside, has a storage capacity of 916 acre-feet, and provides most of the culinary water supply to these municipalities. The dam lies approximately 1664' vertically and 995' horizontally away from the nearest point of projected underground mining (longwall panel #7). This equates to 31 degrees, which is greater than the normal angle of draw associated with longwall subsidence. WEST RIDGE Resources has hired R,B & G Engineering to prepare a detailed evaluation report of the potential effects of longwall mining on the dam and reservoir. This evaluation report was reviewed by the Division of Dam Safety, DOGM, Bureau of Land Management, and the cities of East Carbon and Sunnyside. The report analyzed the potential impacts from both subsidence and seismicity associated with full-extraction mining, with specific emphasis on panel #7, the longwall panel projected for mining nearest to the dam. The report concluded that the risk to the dam and reservoir is minimal, and that even the maximum probable seismic event or subsidence scenario would be well within the safety factor of the dam. In addition, there are no known faults that intercept the dam that could be encountered in the mining of Panel #7. The Division of Dam Safety, the BLM, and the cities of East Carbon and Sunnyside have all accepted the conclusions of the report. This report (Grassy Trail Dam and Reservoir Seismicity Report) is included as Appendix 5-9. This report also includes as an appendix an independent report prepared by Agapito Associates (Estimated Impacts to the Grassy Trail Reservoir due to Longwall Mining) which addresses the potential effects on the dam/reservoir due to longwall induced subsidence. A companion report (Grassy Trail Dam & Reservoir Phase II Dam Safety Study) is included as Appendix 5-9A. WEST RIDGE has committed to an intensive program of monitoring of the dam and reservoir during the mining of Panel #7. This monitoring plan is outlined in section 301-114.100 of this Mining & Reclamation Plan.

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